## Monitoring Data Record

	COE Action ID:200321137					
Stream Name: <u>UT No. 9 to Bull Run</u>						
City, County and other Location Information: Greensboro Western Loop, Guilford Co.						
Sta. 57+80 Lt. to 58+57 RtL						
Date Construction Completed: Water was turned into the stream on June 2005 and planted in						
March 2005. Monitoring Year: (2) of 5						
	HUC unit 03030002					
USGS Quad Name and Coordinates:						
Rosgen Classification: Proposed reach is a E5 stream type						
Length of Project: 198' Urban or Rural: Urban Watershed Size:						
	Monitoring DATA collected by: M. Green & J. Young Date: 2/15/07					
Applicant Information:						
Name: NCDOT Roadside Environmental Unit						
Address: 1425 Rock Quarry Road Raleigh, NC 27610						
Telephone Number: (919) 861-3772 Email address: mlgreen@dot.state.nc.us						
Consultant Information:						
Name:						
Address:	Email address:					
Project Status: Complete	_ Eman address					
1 Toject Status. Complete						
Monitoring Level required by COE and DWQ (4	04 permit/ 401 Cert.): Level (1)2 3					
Monitoring Level 1 requires completion of Section 1, Section 2 and Section 3						
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## Attach plan sheet indicating reference photos. Identify specific problem areas (missing, stressed, damaged or dead plantings): Estimated causes, and proposed/required remedial action: ADDITIONAL COMMENTS: Vegetation is dormant at this time. Hardwood vegetation noted onsite includes: green ash, tulip poplar, river birch, black willow, silky dogwood, willow oak, sweetgum, and sycamore. Other vegetation onsite included: Juncus sp., fennel, goldenrod, sedge, and ragweed.

Section 2. PLANT SURVIVAL

If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

## **Section 3. CHANNEL STABILITY**

**Visual Inspection:** The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. <u>Physical measurements of channel stability/morphology will not be required.</u> Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

This is the Year 2 winter evaluation of this stream relocation. The stream is stabilized at this time. Some minor bank erosion still exist below a crossvane (Photo Point #3 Downstream) but is not affecting the overall stability of the stream relocation.

Date	Sta. 58+20-L-	Station	Station	Station	Station
Inspected		Number	Number	Number	Number
Structure					
Type					
Is water					
piping					
through or					
around					
structure?					
Head cut or					
down cut					
present?					
Bank or scour	Minor Bank				
erosion	Erosion				
present?					

**NOTE:** Attach separate narrative sheets to each monitoring report describing/discussing the overall monitoring results. Include the identification of specific problem areas/channel failures, estimated cause and proposed/required remedial action. This should include a brief discussion of any parameter that has changed significantly from as-built.

## UT No. 9 to Bull Run

Site 1



Photo Point #1 (Upstream)



Photo Point #1 (Downstream)



Photo Point #2 (Upstream)



Photo Point #2 (Downstream)



Year 2 Winter – February 2007



Photo Point #3 (Downstream)